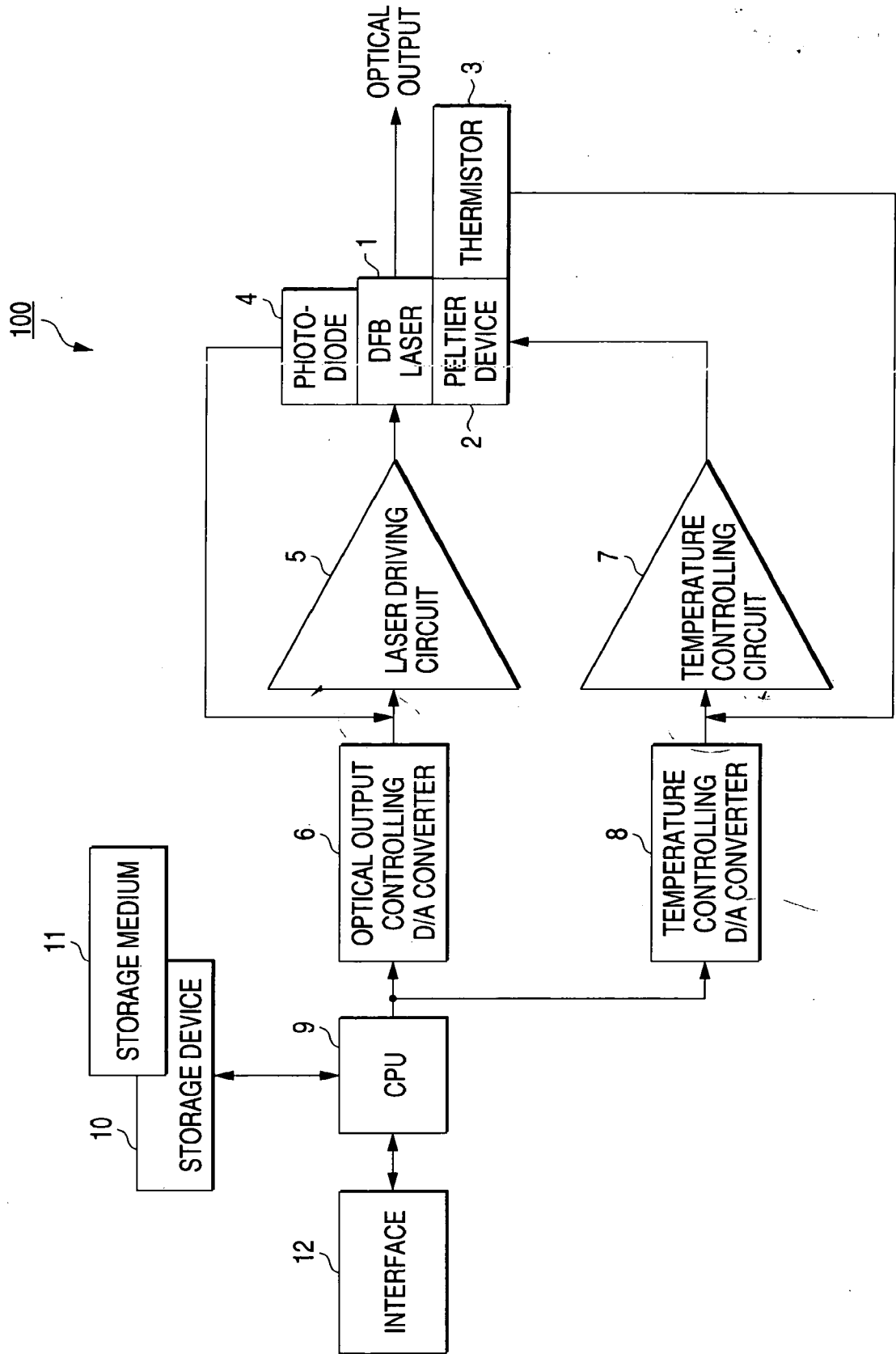


FIG. 1



(A) TEMPERATURE - OPTICAL OUTPUT - WAVELENGTH

	TEMPERATURE 1	TEMPERATURE 2	TEMPERATURE 3	TEMPERATURE 4
OPTICAL OUTPUT 1	WAVELENGTH 1-1	WAVELENGTH 2-1	WAVELENGTH 3-1	WAVELENGTH 4-1
OPTICAL OUTPUT 2	WAVELENGTH 1-2	WAVELENGTH 2-2	WAVELENGTH 3-2	WAVELENGTH 4-2
OPTICAL OUTPUT 3	WAVELENGTH 1-3	WAVELENGTH 2-3	WAVELENGTH 3-3	WAVELENGTH 4-3
OPTICAL OUTPUT 4	WAVELENGTH 1-4	WAVELENGTH 2-4	WAVELENGTH 3-4	WAVELENGTH 4-4

(B) TEMPERATURE - OPTICAL OUTPUT

TEMPERATURE A	TEMPERATURE B	TEMPERATURE C	TEMPERATURE D	TEMPERATURE E
OPTICAL OUTPUT A	OPTICAL OUTPUT B	OPTICAL OUTPUT C	OPTICAL OUTPUT D	OPTICAL OUTPUT E

CALCULATION (CPU)

CALCULATION OF OPTICAL OUTPUT CONTROLLING VALUE

- (1) COLLATE INPUT SET VALUES (OF WAVELENGTH AND OPTICAL OUTPUT) WITH DATA (A) TO CALCULATE APPROXIMATE TEMPERATURE
- (2) COLLATE TEMPERATURE CALCULATED IN (1) WITH DATA (B) TO CALCULATE OPTICAL OUTPUT REGULATION VALUE FOR ACHIEVING FLATNESS OF OPTICAL OUTPUT LEVEL
- (3) ADD INPUT SET VALUE (OPTICAL OUTPUT) TO OPTICAL OUTPUT REGULATION VALUE CALCULATED IN (2) TO CALCULATE OPTICAL OUTPUT CONTROLLING VALUE

CALCULATION OF TEMPERATURE CONTROLLING VALUE

- (4) COLLATE OPTICAL OUTPUT CONTROLLING VALUE CALCULATED IN (3) AND INPUT SET VALUE (WAVELENGTH) WITH DATA (A) TO CALCULATE TEMPERATURE CONTROLLING VALUE

INPUT SET VALUE
· WAVELENGTH
· OPTICAL OUTPUT

INPUT

TEMPERATURE CONTROLLING D/A CONVERTER

TEMPERATURE CONTROLLING VALUE

OPTICAL OUTPUT CONTROLLING D/A CONVERTER

OPTICAL OUTPUT CONTROLLING VALUE

FIG. 2

FIG. 3

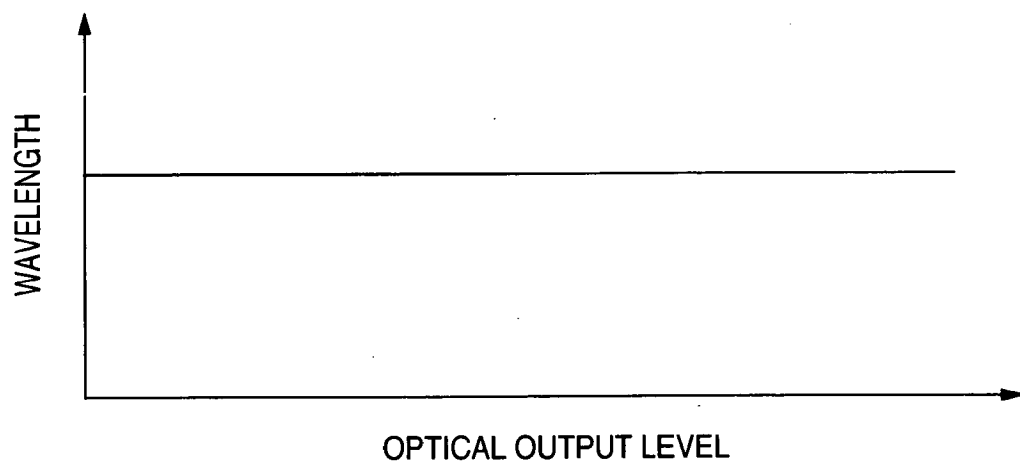


FIG. 4

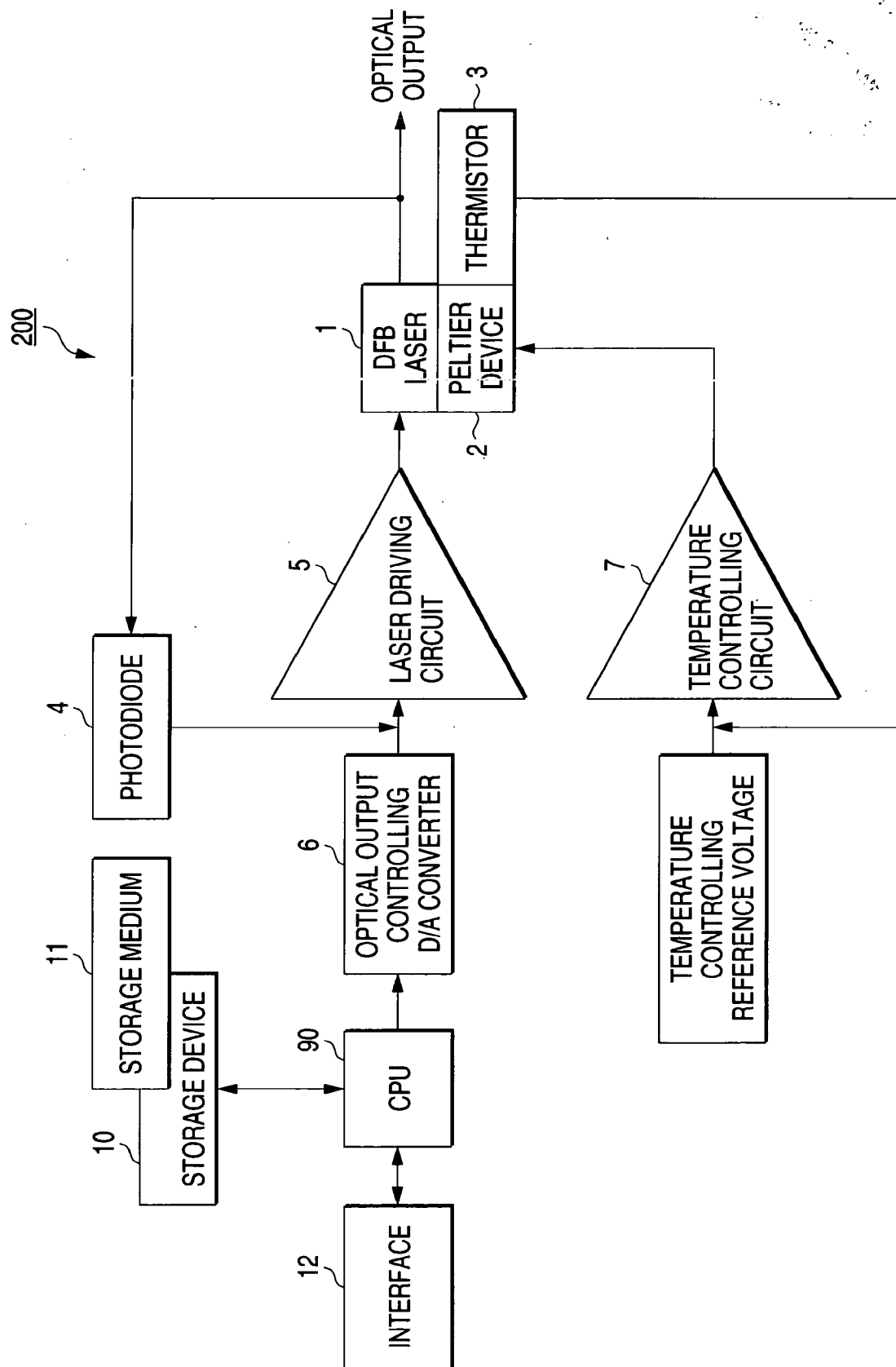


FIG. 5A

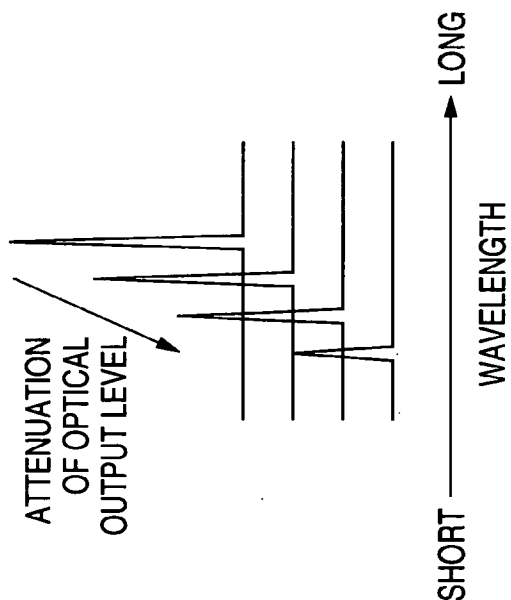


FIG. 5C

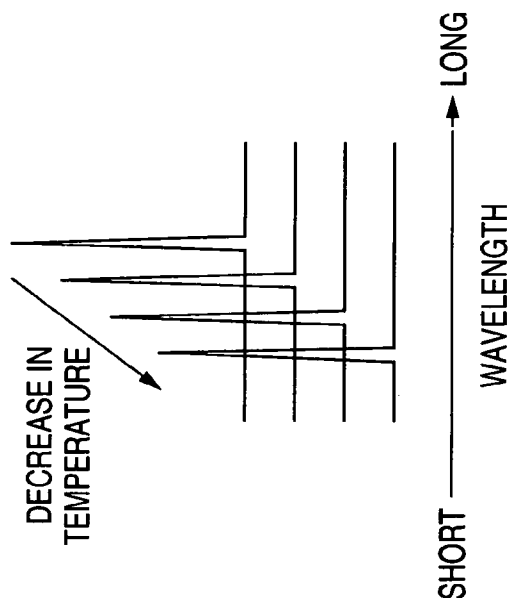


FIG. 5B

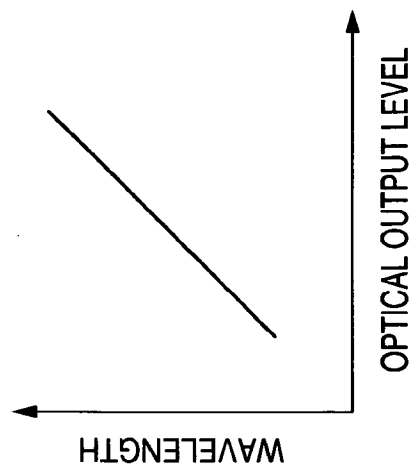


FIG. 5D

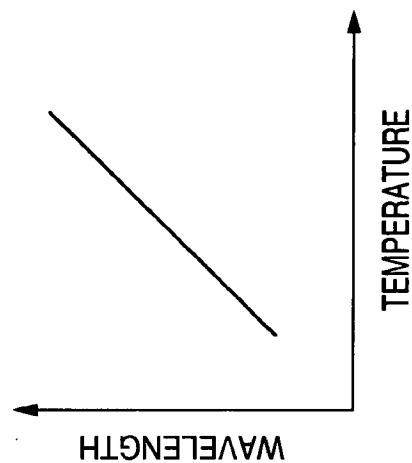


FIG. 5E

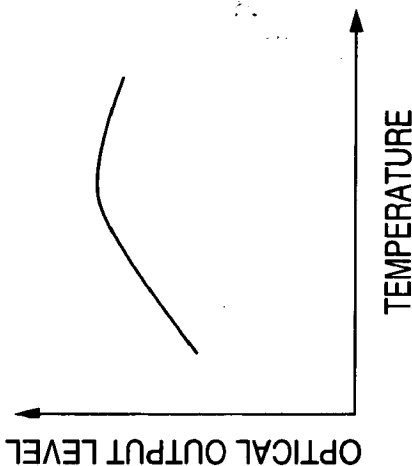


FIG. 6